

DI Contd. sub 6.17
a third polarization converter for aligning a polarization direction of said third light by converting one polarization component to the other polarization component; and
a color synthesizing optical system for synthesizing said first, second and third light each having the aligned polarization direction.

13. (Amended) The light source device according to claim 1, characterized in that said first, second and third polarization converters are reflecting polarizing plates.

Please add new claims 29 and 30 as follows:

D3 23 13/26 The light source device according to claim 1, wherein polarization directions of the polarization components are perpendicular to each other.--

20 14/30 The light source device according to claim 1, wherein rotational directions of the polarization components are opposite to each other.--

REMARKS

Claims 1-4, 6, 7, 9-11, 13-16 and 19-30 are pending. By this Amendment, claims 1 and 13 are amended, and claims 29 and 30 are added. Reconsideration based on the above amendments and following remarks is respectfully requested.

The attached Appendix includes marked-up copies of each rewritten claim (37 C.F.R. §1.121(c)(1)(ii)).

I. The Claims Satisfy All Formal Requirements

The Office Action objects to claim 13 because of informalities. Claim 13 is amended to obviate the objection. Withdrawal of the objection to claim 13 is respectfully requested.

II. The Claims Define Allowable Subject Matter

The Office Action rejects claims 1-3, 9, 13-16 and 20-28 under 35 U.S.C. §103 as unpatentable over JP 8-140107 to Kenji et al. (hereinafter "Kenji") in view of U.S. Patent No. 5,973,833 to Booth et al. (hereinafter "Booth"); claims 1-4, 6, 7, 13, 19, 21 and 22 under 35 U.S.C. §103 as unpatentable over JP 10-123512 to Yoshii et al. (hereinafter "Yoshii") in view

[Handwritten signature]

of Booth; and claims 10 and 11 under 35 U.S.C. §103 as unpatentable over Kenji in view of Booth and further in view of U.S. Patent No. 6,011,602 to Miyashita et al. (hereinafter "Miyashita"). The rejections are respectfully traversed.

Claim 1 has been amended to recite that each polarization converter converts one polarization component to the other polarization component. This amendment is supported in the specification at least at page 27, line 19-page 31, line 4, corresponding to the seventh embodiment of the light source, and as shown in the figures at least in Fig. 7. The terms "oscillating direction" and "converter element" have been replaced with --polarization direction-- and --converter--, respectively.

Also, claims 29 and 30 have been added. The features of these claims are supported in the specification at least at page 27, line 19-page 31, line 4, and in Fig. 7.

Kenji, Yoshii and Miyashita do not disclose a light source that includes three color light sources and a synthesizing optical system for synthesizing light from the three color sources.

Booth discloses a high efficiency polarizing converter which receives collimated light of arbitrary polarization and converts it to light of a selected polarization with minimal loss or absorption of the light.

However, Booth does not disclose a polarization converter that aligns a polarization direction of light by converting one polarization component to the other polarization component, as claimed in claim 1. Thus, combining Booth with the remainder of the applied art does not result in the claimed invention.

Further, the applied art is completely devoid of this feature. Thus, no motivation exists to modify the applied art to make up for the above deficiency.

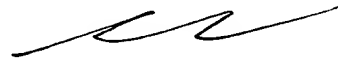
For at least these reasons, it is respectfully submitted that the claimed invention is distinguishable over the applied art. Withdrawal of the rejections under 35 U.S.C. §103 is respectfully requested.

III. Conclusion

For at least the reasons discussed above, it is respectfully submitted that this application is in condition for allowance.

Should the Examiner believe that anything further would be desirable in order to place this application in better condition for allowance, the Examiner is invited to contact Applicants' undersigned representative at the telephone number listed below.

Respectfully submitted,



James A. Oliff
Registration No. 27,075

Eric D. Morehouse
Registration No. 38,565

JAO:EDM/gam

Attachment:
Appendix

Date: August 23, 2002

OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400

<p>DEPOSIT ACCOUNT USE AUTHORIZATION Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461</p>
--